Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. ***Second & Final Bill*** (For Other Works) Date.....2019

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 009-17-000018, 009-17-000019, 009-17-000020, 009-17-000021, 009-17-000022, 009-17-000023, 009-17-000024**

Schedule Docket No. Head of Account: **P-3120** **- Est.Cost: 200.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Package - 2 (Including 7 Works) 1) Improvements to Roads and Drains at 4th and 5th Cross Jai Hanuman Layout in Ward No. 09, Vidyaranyapura. 2) Improvements to Roads and Drains at 6th Cross between 2nd and 3rd Block HMT Layout in Ward No. 09, Vidyaranyapura. 3) Improvements to Footpath at 9th Main 2nd Block HMT Layout in Ward No. 09, Vidyaranyapura. 4) Improvements to Ganesha Temple Road, Munisamappa Layout in Ward No. 09, Vidyaranyapura. 5) Improvements to Roads and Drains at 5th Cross, 2nd Block HMT Layout in Ward No. 09, Vidyaranyapura. 6) Improvements to Roads and Drains from Hopcoms to Somanna Garden Road of HMT Layout in Ward No. 09, Vidyaranyapura. 7) Improvements to Roads and Drains at Sapthagiri Layout Cross Roads and Somanna Garden 3rd Cross in Ward No. 09, Vidyaranyapura.**

Name of Contractor and Full Address: ***Sri. Alankar K.B, # 12, MSV Network Road, near Shobha Apartment, Amruthahalli, Sahakaranagara (p), Bangalore – 560 092.***

Reference to Agreement No. **EE/BTP/BBMP/ E-PMT/11(27905)/WO/89/2018-19** Date: **30.08.2018**

Certified that the measurements were taken by me on 18-01-2019 and recorded of **Pages** 494824 **to** 494825 of measurement Book No. 4949/18 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 18/01/19 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within — Total Rs. 1981624-00
2) Deduct amount to be held in reserve being .....percent Rs..... — Less P&M- 146,75,652-00
3) " Balance — 2nd & Final Rs: 5141172-00
4) Deduct Payment:
   a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount
   adjusted towards cash advance recovery of
   b. Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

IT - 51412-00
Cess - 51412-00
CBF - 5141-00
LR - 61694-00
CGST - 45903-00
SGST - 45903-00
Adj - 261465-00
Cheque: 48,79,707-00

Total amount adjusted - 5141172-00

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

ಮಿಕ್ಕ ಮೊಬಲಗು ರೂ. 5141172-00
ಕಡಿತಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ. 261465-00
ಪಾವತಿ : ಇದಕ್ಕೆ ಬದಲು (For use in the Office) 48,79,707-00
Rs. Forty Eight Lakh Seventy nine Thousand seven hundred seven only.
Stamp
ಮೊತ್ತಕ್ಕಾಗಿ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರಿಗೆ 30/01

Executive Engineer 30/01

Sl. No.		Unit
1	Earthwork **excavation by manual means in ordinary** soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum
2	Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
3	Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface such as walls at any thickness**, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work	Sqm
4	Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqm
5	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the	Sqm
6	Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
7	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work	Sqm
8	Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum
9	Providing and laying **cement concrete** using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete **(RMC) M 20** for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, **for raft foundation column footing , main and secondary beams** with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) etc complete as per specifications and directions of engineer in charge of the work	Cum
10	Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - **TMT bars Fe 500** etc complete as per specifications and directions of engineer in charge of the work	Tonne
11	Providing **precast slab of 250 mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge	Sqm
12	Providing **precast slab of 100 mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge	Sqm
13	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc complete as per specifications and directions of engineer in charge of the work	No
14	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm
15	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm
16	Scarifying kankar / gravel / metal crust upto 150mm thick with pick axes and disposal of stuff including cost of all labour charges complete as per specifications etc complete as per specifications and directions of engineer in charge of the work	Sqm

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Cum	895.27	213074.26	0.00	238.00	0.00	895.27	213074.26	
Cum	81.59	452334.96	0.00	5544.00	0.00	81.59	452334.96	
Sqm	1648.20	586759.20	0.00	356.00	0.00	1648.20	586759.20	
Sqm	2924.10	289485.90	0.00	99.00	0.00	2924.10	289485.90	
Sqm	731.03	578975.76	0.00	792.00	0.00	731.03	578975.76	
Sqm	1297.60	1284624.00	0.00	990.00	0.00	1297.60	1284624.00	
Sqm	435.20	603187.20	0.00	1386.00	0.00	435.20	603187.20	
Cum	181.12	1165507.20	0.00	6435.00	0.00	181.12	1165507.20	
Cum	204.46	1356183.18	0.00	6633.00	0.00	204.46	1356183.18	
Tonne	12.55	869715.00	0.00	69300.00	0.00	12.55	869715.00	
Sqm	65.70	357736.50	0.00	5445.00	0.00	65.70	357736.50	
Sqm	2276.82	4733508.78	0.00	2079.00	0.00	2276.82	4733508.78	
No	5810.00	2184560.00	0.00	376.00	0.00	5810.00	2184560.00	
Sqm	0.00	0.00	1176.30	35.00	41171.00	1176.30	41171.00	
Sqm	0.00	0.00	1176.30	79.00	92928.00	1176.30	92928.00	
qm	0.00	0.00	4958.50	35.00	173548.00	4958.50	173548.00	

Sl. No.	
17	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work
18	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work
19	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen etc complete as per specifications and directions of engineer in charge of the work
	Total

CERTIFICATE :

1. Certified that the above work done satisfactory and no materials issued from departmentally.

AE 10-09

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
0.00	0.00	1360.22	1782.00	2423912.00	1360.22	2423912.00	
0.00	0.00	7264.00	35.00	254240.00	7264.00	254240.00	
0.00	0.00	290.56	7418.00	2155374.00	290.56	2155374.00	
	14675651.94			**5141173.00**		**19816824.94**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97